

6/2007

Checked by: *Designer Name*

6/2007

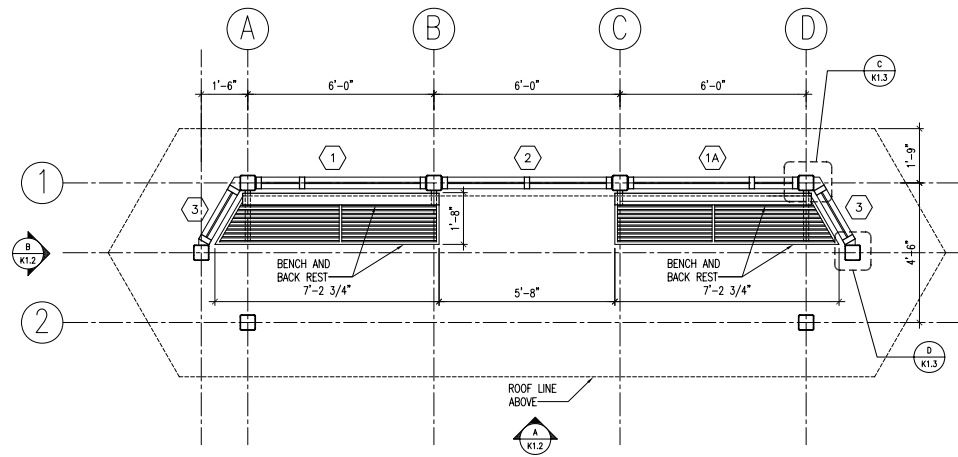
Designed by: *Designer Name*

06/14/07

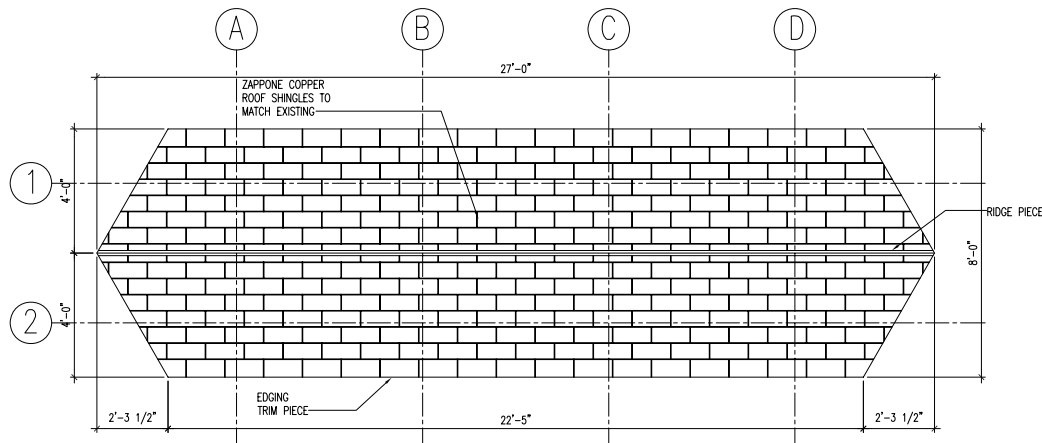
Drawing File Path

PRELIMINARY

STATE	PROJECT	SHEET NUMBER
MT	PRA-GLAC 10(28)	K1.0



**A BUS SHELTER FLOOR PLAN**  
SCALE (A)



**B BUS SHELTER ROOF PLAN**  
SCALE (A)

SCALE (A) 2 0 2 4  
SCALE OF FEET

NPS PMIS No. 121755

NPS Drwg. No. 117/41114

REHABILITATE ST. MARY  
VISITOR CENTER  
PLANS

6/2007

Checked by: Checker Name

6/2007

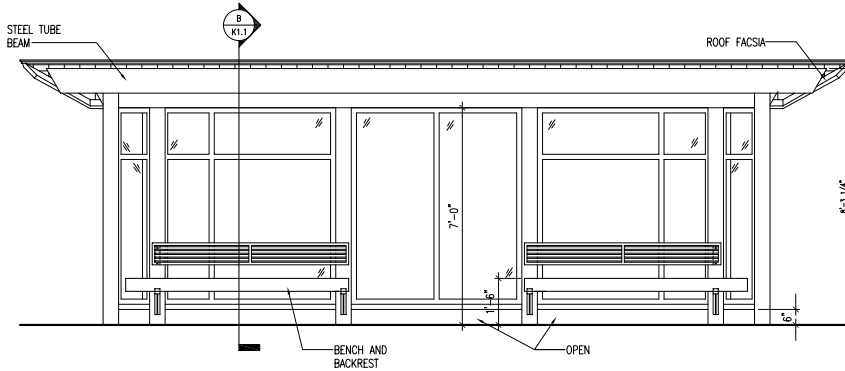
Designed by: Designer Name

06/14/07

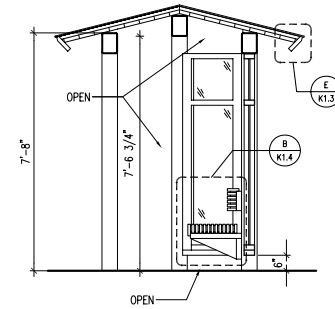
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PRELIMINARY

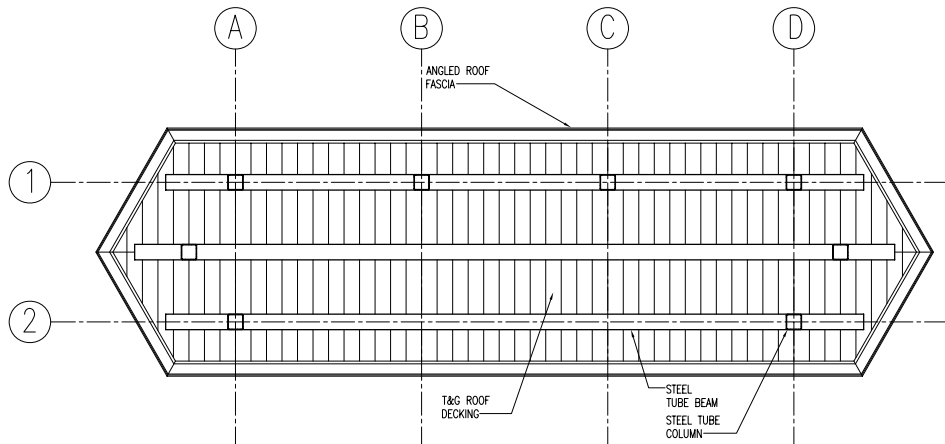
STATE	PROJECT	SHEET NUMBER
MT	PRA-GLAC 10(28)	K1.1



**A** BUS SHELTER SECTION  
K1.1 SCALE ②



**B** BUS SHELTER SECTION  
K1.1 SCALE ②



**C** REFLECTED CEILING PLAN  
K1.1 SCALE ②

SCALE ② 2 0 2 4  
SCALE OF FEET

NPS PMIS No. 121755

NPS Drwg. No. 117/41114

REHABILITATE ST. MARY  
VISITOR CENTER  
SECTIONS\_RCP

6/2007

6/2007

06/14/07

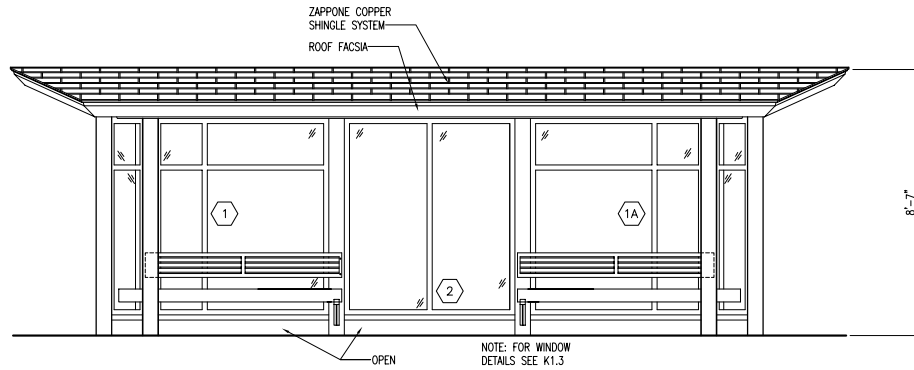
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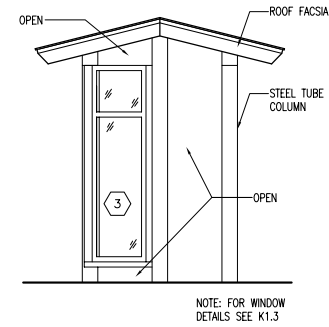
Checked/Checker Name

PRELIMINARY

STATE	PROJECT	SHEET NUMBER
MT	PRA-GLAC 10(28)	K1.2



**A** BUS SHELTER ELEVATION  
SCALE (A)



**B** BUS SHELTER ELEVATION  
SCALE (A)

SCALE (A) 2 0 2 4  
SCALE OF FEET

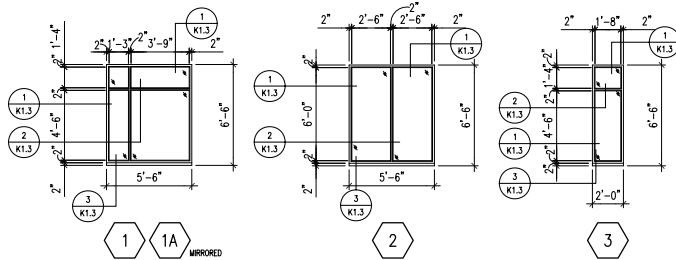
NPS PMIS No. 121755

NPS Drwg. No. 117/41114

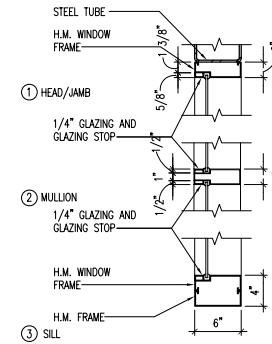
REHABILITATE ST. MARY  
VISITOR CENTER  
ELEVATIONS

PRELIMINARY

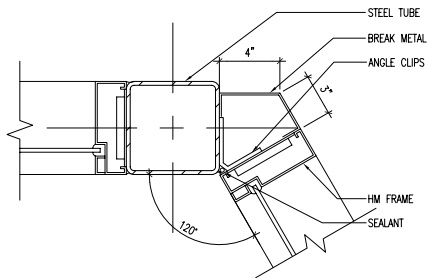
STATE	PROJECT	SHEET NUMBER
MT	PRA-GLAC 10(28)	K1.3



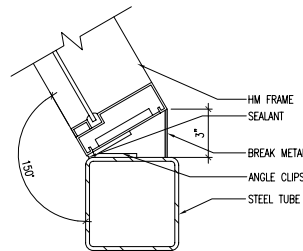
**A HOLLOW METAL WINDOW ELEVATIONS**  
SCALE (A)



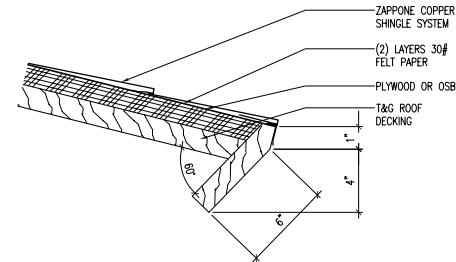
**B HOLLOW METAL WINDOW DETAILS**  
SCALE (A)



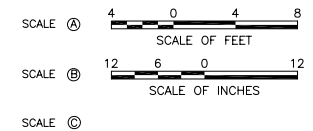
**C WINDOW AND COLUMN DETAIL**  
SCALE (C)



**D WINDOW AND COLUMN DETAIL**  
SCALE (C)



**E WINDOW AND COLUMN DETAIL**  
SCALE (C)



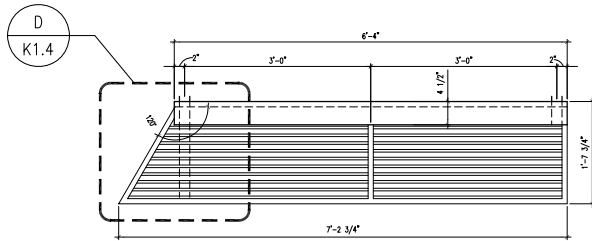
NPS PMIS No. 121755

NPS Drwg. No. 117/41114

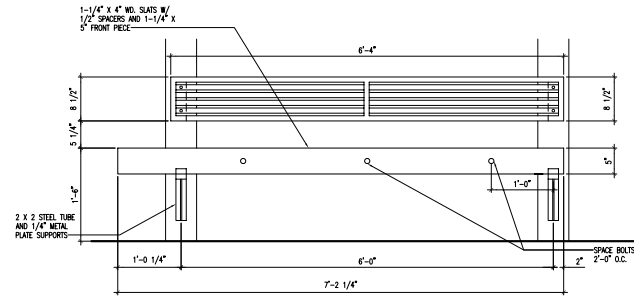
REHABILITATE ST. MARY  
VISITOR CENTER  
WINDOWS

PRELIMINARY

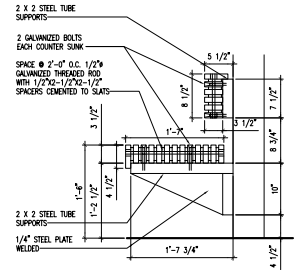
STATE	PROJECT	SHEET NUMBER
MT	PRA-GLAC 10(28)	M 1.0



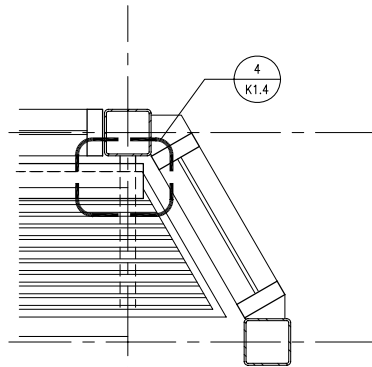
**A** SHELTER BENCH PLAN  
K1.4 SCALE (A)



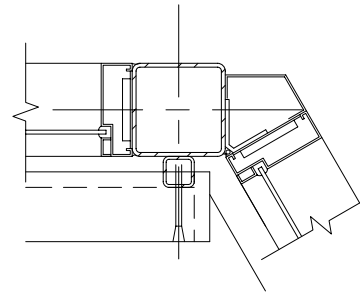
**B** SHELTER BENCH ELEVATION  
K1.4 SCALE (A)



**C** SHELTER BENCH SECTION  
K1.4 SCALE (A)



**D** SHELTER BENCH DETAIL  
K1.4 SCALE (B)



**E** SHELTER BENCH DETAIL  
K1.4 SCALE (C)

SCALE (A)

SCALE (B) 12 6 0 12  
SCALE OF INCHES

SCALE (C)

NPS PMIS No. 121755

NPS Drwg. No. 117/41114

REHABILITATE ST. MARY  
VISITOR CENTER  
SHELTER\_BENCH\_DETAILS

6/2007

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6/2007

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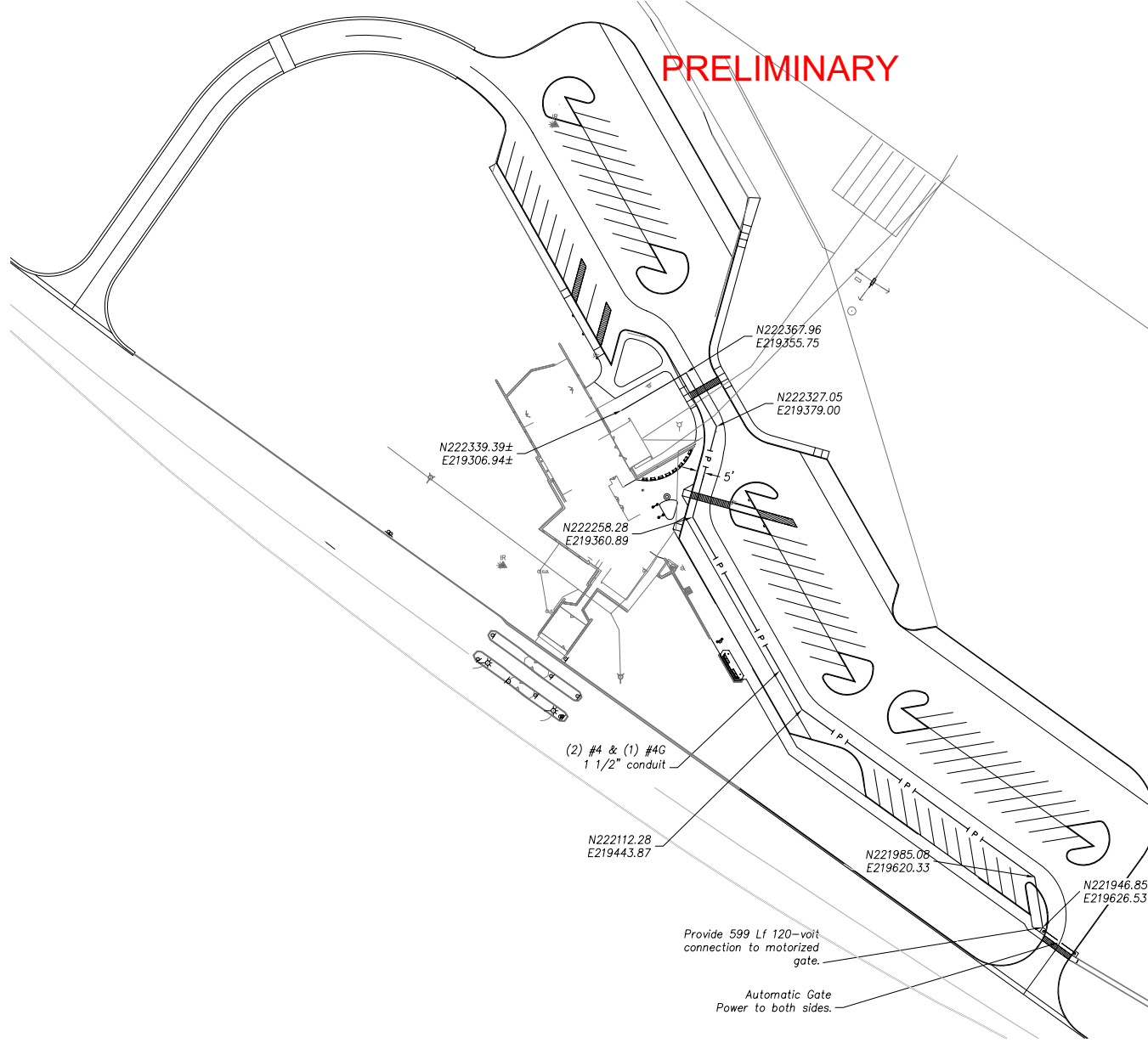
Designed by:

06/14/07

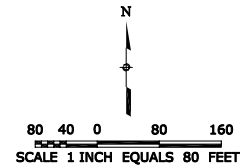
Drawing File Path:

STATE	PROJECT	SHEET NUMBER
MT	PRA-GLAC 10(28)	L.1

PRELIMINARY



NOTE:  
1. X



NPS PMIS No. 121755

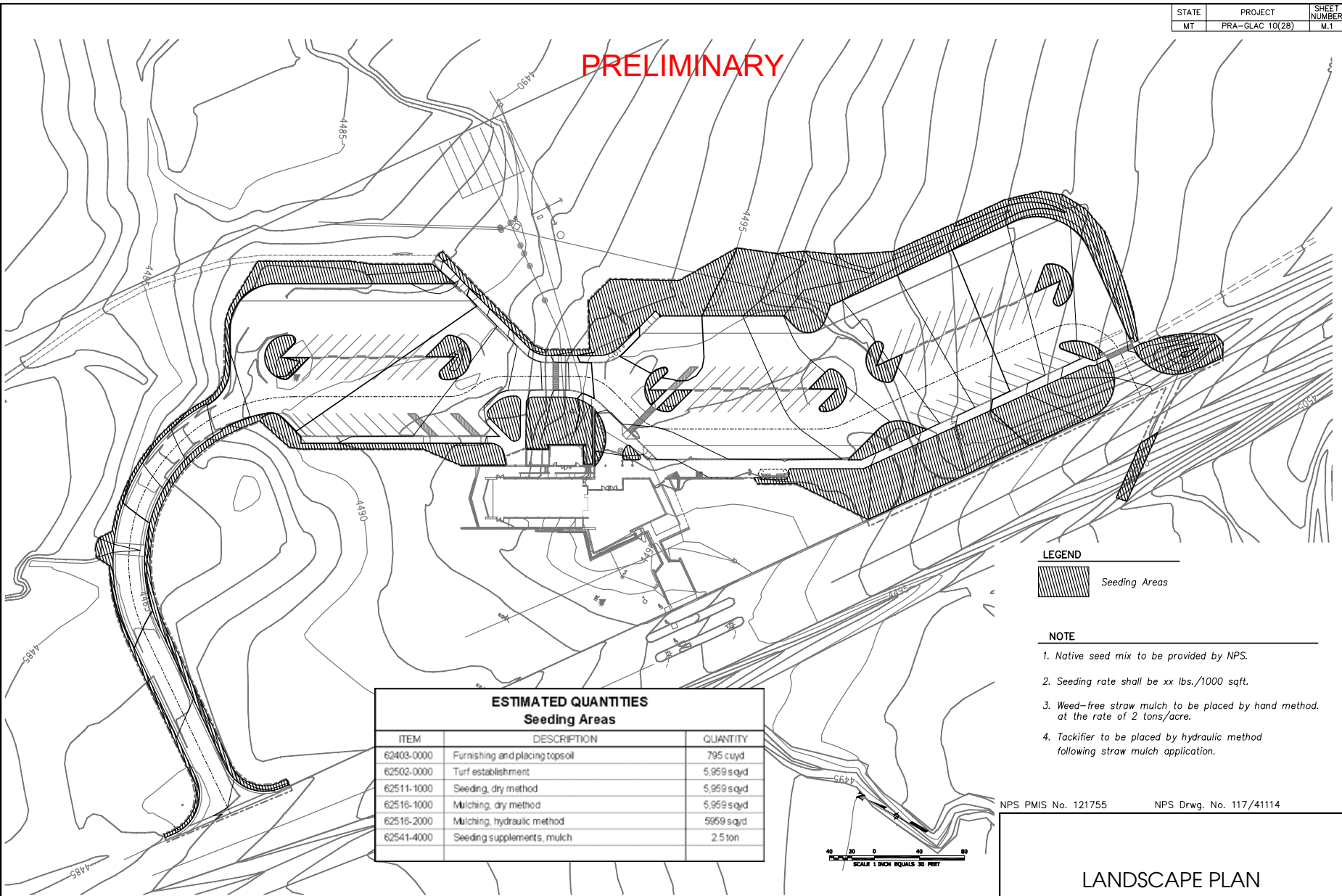
NPS Drwg. No. 117/41114

ELECTRICAL SITE PLAN

PRELIMINARY

STATE	PROJECT	SHEET NUMBER
MT	PRA-GLAC 10(28)	M.1

6/2007  
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Checked by:  
6/2007  
DHM  
Designed by:  
06/14/07  
Drawing File Path:



Drawing File Path: 06/14/07 6/2007 6/2007 BEVANS BEVANS

STATE	PROJECT	SHEET NUMBER
MT	PRA-GLAC 10(28)	0.1

**TABULATION OF PERMANENT TRAFFIC CONTROL QUANTITIES**

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PRELIMINARY

NPS PMIS No. 121755NPS Drwg. No. 117/41114

TABULATION QUANTITIES PLAN



6/2007

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6/2007

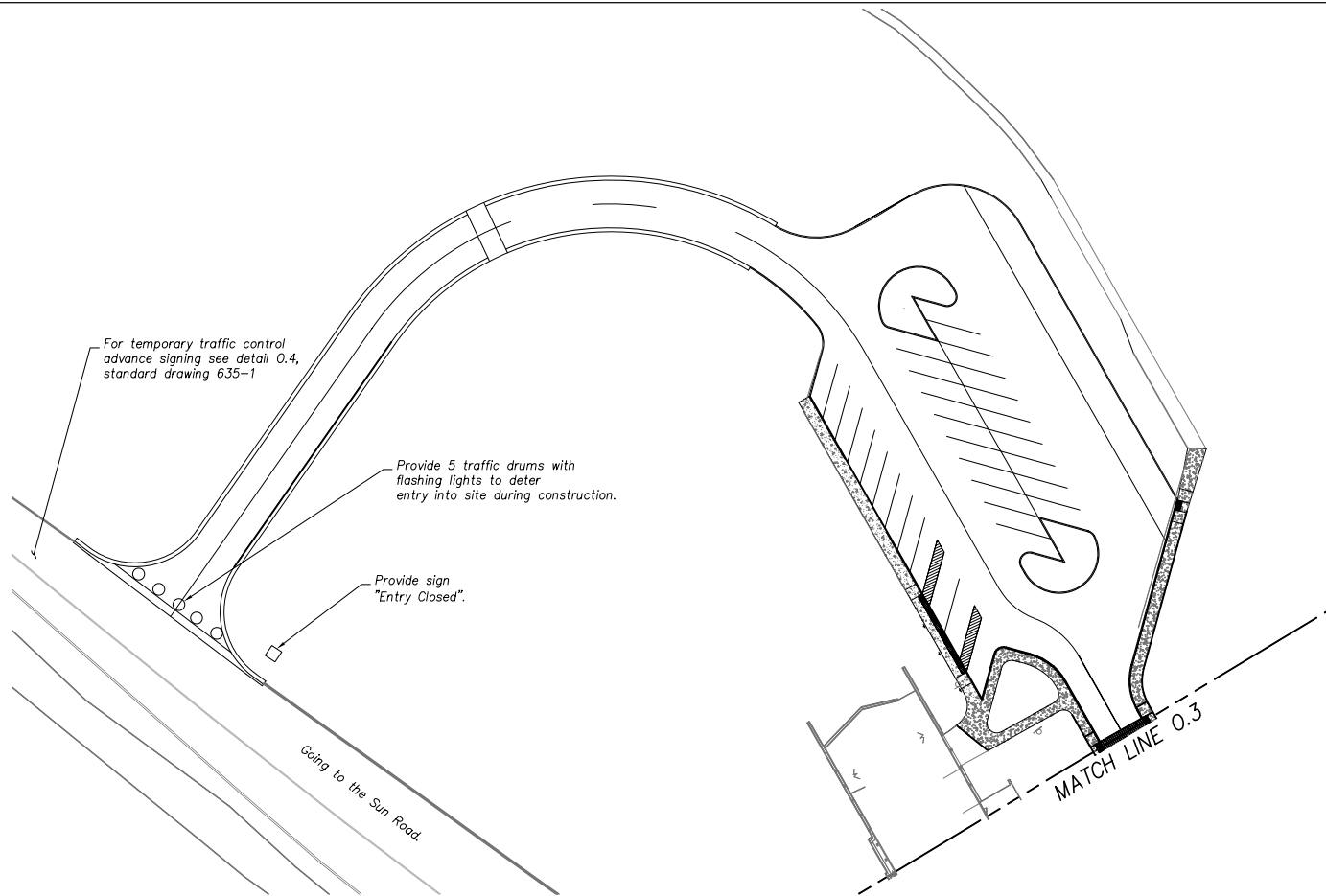
BEVANS

Designed by:

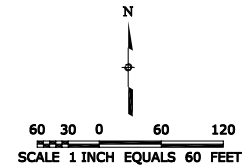
06/14/07

Drawing File Path:

STATE	PROJECT	SHEET NUMBER
MT	PRA-GLAC 10(28)	0.2



NOTE:  
1. X



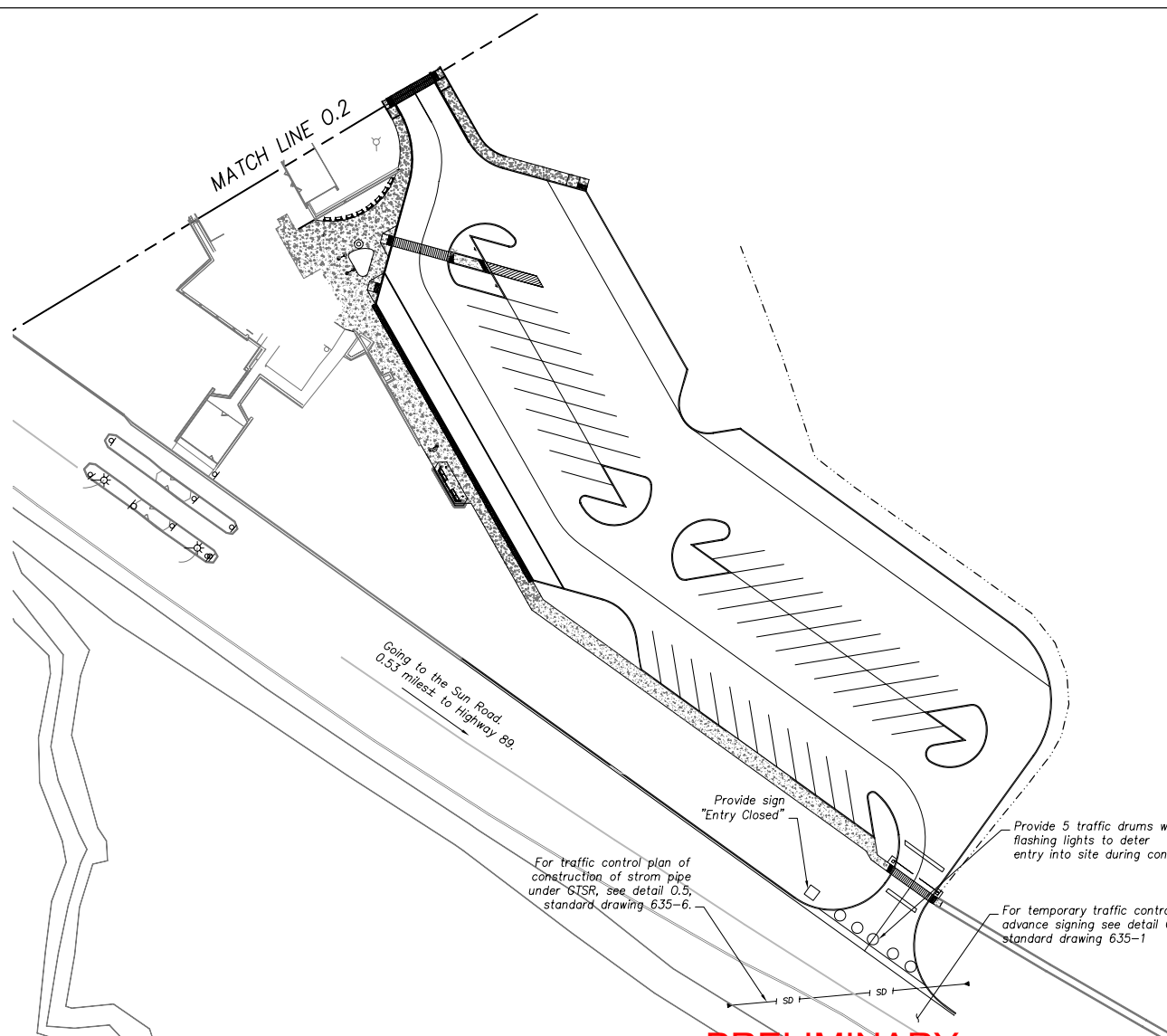
**PRELIMINARY**

NPS PMIS No. 121755

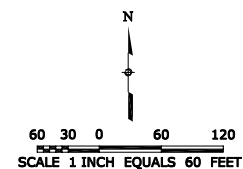
NPS Drwg. No. 117/41114

**SIGNING & STRIPING PLAN**

STATE	PROJECT	SHEET NUMBER
MT	PRA-GLAC 10(28)	0.3



NOTE:  
1. X

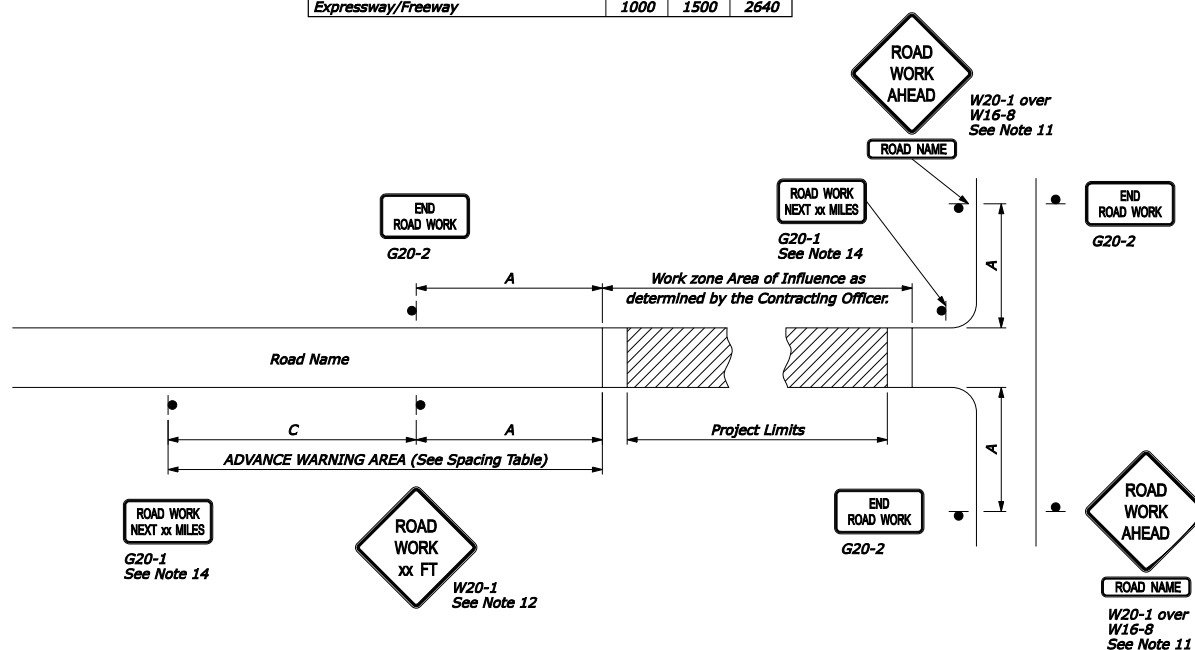


NPS PMIS No. 121755

NPS Drwg. No. 117/41114

## SIGNING & STRIPING PLAN

<b>ROAD TYPE</b>	<b>DISTANCE BETWEEN SIGNS IN FEET</b>		
	<b>A</b>	<b>B</b>	<b>C</b>
<b>Urban 40 MPH and less</b>	<b>100</b>	<b>100</b>	<b>100</b>
<b>Urban 45 MPH and greater</b>	<b>350</b>	<b>350</b>	<b>350</b>
<b>Rural</b>	<b>500</b>	<b>500</b>	<b>500</b>
<b>Expressway/Freeway</b>	<b>1000</b>	<b>1500</b>	<b>2640</b>



**NOTE:**

1. Erect all advance warning signs before starting construction work.
2. Not all details shown on the temporary traffic control sheets may be applicable to this project. The Contractor may add or delete information and details in this traffic control plan as necessary to accommodate actual operations.
3. Where advance warning signs, placed as shown, interfere with permanent signs, locate the warning signs as determined by the CO for best results. Very messages as required.
4. Use Type III or higher type sheeting on all signs and channelizing devices. Warning lights are not normally needed on devices with Type III or higher type sheeting, but may be beneficial to attract the drivers attention in fog or other special conditions. When used, apply the appropriate type of warning light (Type A, B, C, or D) per the MUTCD Chapter 6F.
5. When established in the contract, furnish beacons with the appropriate lens color as specified in the MUTCD Chapter 4K.
6. Additional or different message signs may be required to fit the actual construction conditions.
7. Install advisory speed plates under the W-20 series warning signs as needed to indicate a maximum recommended speed through the construction area.
8. Ensure all sign supports exposed to impact by traffic meet the requirements of NCHRP-350 for crash worthiness.
9. Maintain two-way traffic during all non-work hours except as approved by the CO.
10. Do not store traffic control devices along the roadway when not in use. Cover post-mounted signs when not applicable.
11. If W20-1 is on a roadway other than that on which the actual construction work occurs, include a supplementary plaque indicating the name of the road the work is on.
12. The message on the W20-1 signs may be "ROAD WORK AHEAD" or may specify the distance to the work area in feet or in miles. Install an additional W20-1 sign when approach speeds exceed 50 MPH. When used place the two W20-1 signs "B" feet apart.
13. When flagger warning sign series extend into project advance warning area, the second and third signs in the flagger series may be placed over the W20-1 sign(s) in project advance warning series.
14. For work zones that are more than 2 miles in length, install G20-1 sign. Show the distance on the G20-1 sign to the nearest whole mile.
15. If signs will be in place more than 72 consecutive hours, use ground-mounted post.
16. If signing on a roadway under a jurisdiction other than the client agency, verify that an encroachment permit has been obtained.
17. State standards may be used as an alternative if approved by the CO.

# PRELIMINARY

**NO SCALE**

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION FEDERAL LANDS HIGHWAY		
U.S. CUSTOMARY STANDARD		
<b>TEMPORARY TRAFFIC CONTROL ADVANCE SIGNING</b>		
STANDARD APPROVED FOR USE 6/2005 REVISION: DATE: 1/2007	STANDARD 635-1	

Drawing File Path: 06/14/07 6/2007 BEVANS BEVANS 6/2007 Checked by: BEVANS

STATE	PROJECT	SHEET NUMBER
MT	PRA-GLAC 10(28)	0.4

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PRELIMINARY

NPS PMIS No. 121755NPS Drwg. No. 117/41114

SIGNING & STRIPING DETAILS

STATE	PROJECT	SHEET NUMBER
MT	PRA-GLAC 10(28)	0.5

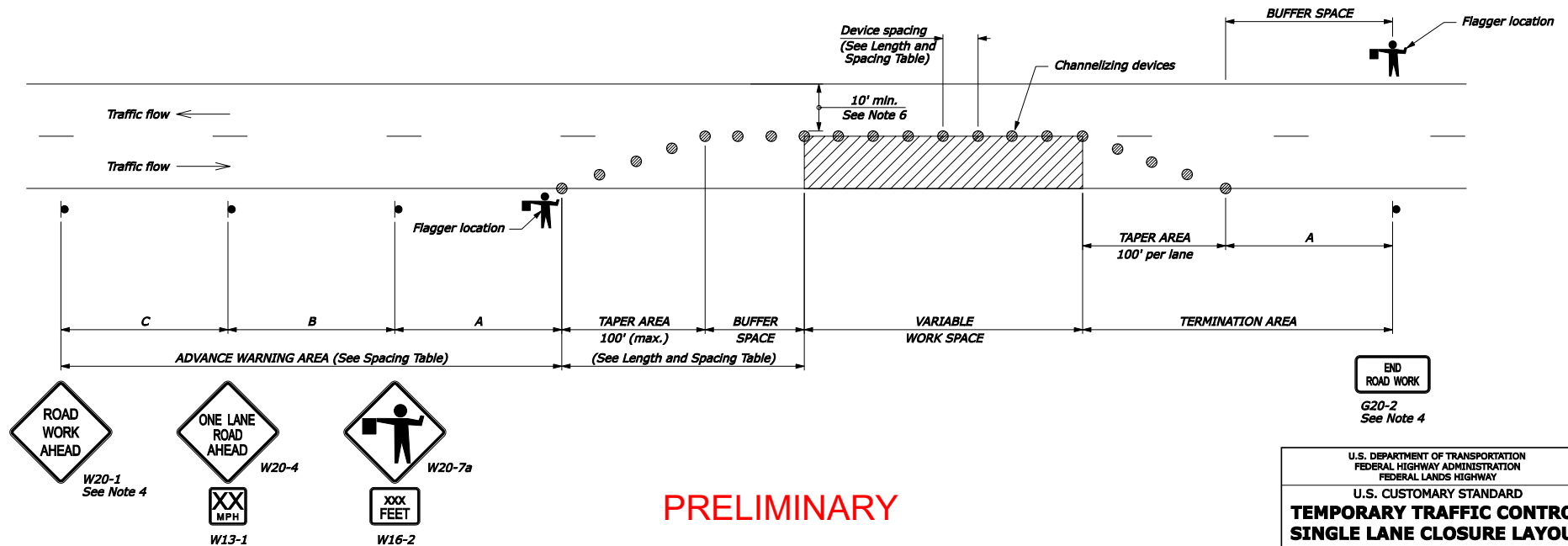
LENGTH AND SPACING TABLE				
APPROACH SPEED*	LENGTH OF BUFFER SPACE	CHANNELIZING DEVICE		
		TAPER AREA	BUFFER SPACE	WORK SPACE
MPH	FEET	SPACING IN FEET		
25	155	20	50	50
30	200	20	60	60
35	250	20	70	70
40	305	20	80	80
45	360	20	90	90
50	425	20	100	100
55	495	20	110	110

\* Approach speed based on the regulatory posted speed, not the advisory speed.

SIGN SPACING TABLE			
ROAD TYPE	DISTANCE BETWEEN SIGNS IN FEET		
	A	B	C
Urban 40 MPH and less	100	100	100
Urban 45 MPH and greater	350	350	350
Rural	500	500	500
Expressway/Freeway	1000	1500	2640

#### NOTE:

1. Signs are shown for one direction of travel only. Place devices similar to those depicted for the opposite direction of travel.
2. Final location and spacing of signs and devices may be changed to fit field conditions as approved by the CO.
3. For pilot car operation, mount the PILOT CAR FOLLOW ME (G20-4) sign at a conspicuous location on the rear of vehicle. Prominently display the name of the contractor on the pilot car.
4. If closure is completely within the project limits, eliminate the "ROAD WORK AHEAD" (W20-1) and "END ROAD WORK" (G20-2) signs.
5. For night time flagging operation, provide floodlighting at flagger stations.
6. For project specific minimum width, refer to Special Contract Requirements, Section 156.
7. Do not allow equipment, materials, or vehicles to be parked or stored in the buffer space.
8. If signs will be in place more than 72 consecutive hours, use ground-mounted post.



PRELIMINARY

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION FEDERAL LANDS HIGHWAY	
U.S. CUSTOMARY STANDARD <b>TEMPORARY TRAFFIC CONTROL SINGLE LANE CLOSURE LAYOUT (WITH FLAGGERS)</b>	
STANDARD APPROVED FOR USE 9/2005	STANDARD
REVISOR: DRAFT: 1/2007	635-6